

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Bum-Young MYOUNG et al.

**Serial No. :** TBA                           **Examiner :** TBA

**Filed :** Herewith                           **Group Art Unit:** TBA

**For :** BROWN OXIDE PRETREATMENT COMPOSITION FOR  
CLEANING COPPER SURFACE AND IMPROVING ADHESION  
OF POLYIMIDE SURFACE, AND METHOD FOR IMPROVING  
ADHESION OF POLYIMIDE SURFACE BY APPLYING THE SAME  
TO BROWN OXIDE PROCESS

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to the duty of disclosure under 37 CFR §§ 1.56, 1.97, and 1.98, applicant submits herewith an Information Disclosure Statement (IDS) accompanied by the Form PTO-1449 with the prior art reference listed therein.

Since the above-identified application was filed after June 30, 2003, no copies of the US Patent documents cited in this IDS are required. Further, because the document is in the English language, no concise explanation of its relevancy is necessary, as pointed out in 37 CFR §1.98 (3)(i).

Inasmuch as the subject application has not yet received a first Office Action on the merits, this information is believed to be timely filed under 37 CFR §1.97(b)(3). Accordingly, consideration

of the enclosed references is deemed proper, and is therefore respectfully requested.

No fee is deemed necessary in connection with the filing of this communication. If any fee is required, authorization is hereby given to charge the amount of any such fee to the undersigned firm's Deposit Account No.07-1730, Docket No. 4611-032. A duplicate copy of this communication is attached for that purpose.

Respectfully submitted  
GOTTLIEB, RACKMAN & REISMAN, P.C.

New York, N.Y.

Dated: Oct. 15., 2004

By: \_\_\_\_\_

  
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<p>Substitute for FORM 1449A/PTO PTO/SB/08A ( 10-01) U.S. PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)</p>	Attorney Docket Number: 4611-032	Application Number : TBA
	First Named Inventor: Bum-Young MOYUNG et al.	Filing Date: Herewith
	Examiner Name: Not Yet Assigned	Art Unit: TBA

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
		US- 5,691,288	11.25.97	Dhillon	General State of Art
		US-			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS		FOREIGN PATENT DOCUMENT	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR

**OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS**

(including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.